

# Center for Environmental Technologies

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## Background

Established in 1993 to support Utah's environmental technologies industry through focused research and development in monitoring and sensing technologies, waste-stream reduction technologies, pollutant destruction and remediation, technology transfer, and advanced technical training.

### FY94-95 Overview

#### **Current**

1994-95 Award .....	\$100,000
Matching Funds .....	\$776,779
Patents Pending .....	1
Patents Issued .....	0
License Agreements .....	2
Spin-off Companies .....	0
Companies Assisted .....	12
Industry Jobs Created .....	6
Center Jobs Created .....	16

### Cumulative Overview

#### **Cumulative**

Awards .....	\$230,000
Matching Funds .....	\$896,590
Patents Issued .....	0
License Agreements .....	4
Spin-off Companies .....	0

## Technologies

- Knowledge-based expert system for Waste-fired Cement Kilns.
- Environmental applications of Time-of-Flight Mass Spectrometry
- Environmental applications of the Air-Sparged Hydrocyclone (radionuclide separations, oil-water separations, VOC stripping).
- HydroPur industrial wastewater recycling system.

## Center Highlights

- A major effort has been made to assist the defense industry in Utah to realize effective technology transfer and enhance environmental technologies.
- A subcontract was signed with Thiokol Corp. For development of an electrolytic process to recycle industrial wastestreams. A pilot plant is in place at Thiokol.
- Testing under a series of contracts with Utah sewer treatment systems has been performed, introducing new techniques in that industry.
- Materials and processing-testing contracts have been completed for two Utah-based entrepreneurs.
- The Center has formed strategic partnerships with twelve companies and federal installations.